

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10710972
	Filing Date		2004-08-16
	First Named Inventor	Wheeler et al.	
	Art Unit	2132	
	Examiner Name	Zand, Kambiz	IDS PART 1 OF 3 PARTS
	Attorney Docket Number	10399-40260	

U.S. PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	
/AW/	1	6587837		2003-07-01	Spagna et al.		
/AW/	2	6571339		2003-05-27	Danneels et al.		
/AW/	3	6565000		2003-05-20	Sehr		
/AW/	4	6532451		2003-03-11	Schell et al.		
/AW/	5	6523067		2003-02-18	Mi et al.		
/AW/	6	6510516		2003-01-21	Benson et al.		
/AW/	7	6373950		2002-04-16	Rowney		
/AW/	8	6324525		2001-11-27	Kramer et al.		

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10710972
Filing Date		2004-08-16
First Named Inventor	Wheeler et al.	
Art Unit	2132	
Examiner Name	Zand, Kambiz	IDS PART 1 OF 3 PARTS
Attorney Docket Number	10399-40260	

/AW/	9	6314519		2001-11-06	Davis et al.	
/AW/	10	6299062		2001-10-09	Hwang	
/AW/	11	6285991		2001-09-04	Powar	
/AW/	12	6282522		2001-08-28	Davis et al.	
/AW/	13	6279112		2001-08-21	O'Toole, Jr. et al.	
/AW/	14	6263447		2001-07-17	French et al.	
/AW/	15	6253027		2001-06-26	Weber et al.	
/AW/	16	6243812		2001-06-05	Matyas et al.	
/AW/	17	6240091		2001-05-29	Ginzboorg et al.	
/AW/	18	6233565		2001-05-15	Lewis et al.	
/AW/	19	6230269		2001-05-08	Spies et al.	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10710972
	Filing Date		2004-08-16
	First Named Inventor	Wheeler et al.	
	Art Unit	2132	
	Examiner Name	Zand, Kambiz	IDS PART 1 OF 3 PARTS
	Attorney Docket Number	10399-40260	

/AW/	20	6213391		2001-04-10	Lewis	
/AW/	21	6205437		2001-03-20	Gifford	
/AW/	22	6202151		2001-03-13	Musgrave et al.	
/AW/	23	6199052		2001-03-06	Mitty et al.	
/AW/	24	6192405		2001-02-20	Bunnell	
/AW/	25	6192130		2001-02-20	Otway	
/AW/	26	6189096		2001-02-13	Haverty	
/AW/	27	6167518		2000-12-26	Padget et al.	
/AW/	28	6161181		2000-12-12	Haynes et al.	
/AW/	29	6161180		2000-12-12	Matyas et al.	
/AW/	30	6154543		2000-11-28	Baltzley	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10710972	
	Filing Date		2004-08-16	
	First Named Inventor	Wheeler et al.		
	Art Unit	2132		
	Examiner Name	Zand, Kambiz	IDS PART 1 OF 3 PARTS	
	Attorney Docket Number	10399-40260		

/AW/	31	6144949		2000-11-07	Harris	
/AW/	32	6134325		2000-10-17	Vanstone et al.	
/AW/	33	6111956		2000-08-29	Field et al.	
/AW/	34	6108644		2000-08-22	Goldschlag et al.	
/AW/	35	6105012		2000-08-15	Chang et al.	
/AW/	36	6104815		2000-08-15	Alcorn et al.	
/AW/	37	6102287		2000-08-15	Matyas, Jr.	
/AW/	38	6092202		2000-07-18	Veil et al.	
/AW/	39	6084969		2000-07-04	Wright et al.	
/AW/	40	6070154		2000-05-30	Tavor et al.	
/AW/	41	6061799		2000-05-09	Eldridge et al.	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10710972	
	Filing Date		2004-08-16	
	First Named Inventor	Wheeler et al.		
	Art Unit	2132		
	Examiner Name	Zand, Kambiz	IDS PART 1 OF 3 PARTS	
	Attorney Docket Number	10399-40260		

/AW/	42	6061794		2000-05-09	Angelo et al.	
/AW/	43	6047051		2000-04-04	Ginzboorg et al.	
/AW/	44	6044154		2000-03-28	Kelly	
/AW/	45	6029150		2000-02-22	Kravitz	
/AW/	46	6023509		2000-02-08	Herbert et al.	
/AW/	47	6021202		2000-02-01	Anderson et al.	
/AW/	48	6009177		1999-12-28	Sudia	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

**U.S.PATENT APPLICATION PUBLICATIONS**

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/AW/	1	20020120846		2002-08-29	Stewart et al.	
/AW/	2	20010000535	A1	2001-04-26	Lapsley et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10710972
Filing Date	2004-08-16
First Named Inventor	Wheeler et al.
Art Unit	2132
Examiner Name	Zand, Kambiz
Attorney Docket Number	10399-40260
IDS PART 1 OF 3 PARTS	

**FOREIGN PATENT DOCUMENTS**

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> ;	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

[Add](#)

**NON-PATENT LITERATURE DOCUMENTS**

[Remove](#)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
/AW/	1	PKCS #9, Selected Object Classes and Attribute Types Version 2.0, RSA Laboratories, Redwood City, CA, pp 1-42, 11/01/00	<input type="checkbox"/>
/AW/	2	Digital Signature Guidelines Tutorial ; ABA Network, (web site at <a href="http://www.abanet.org/scitech/ec/isc/dsg-tutorial.html">http://www.abanet.org/scitech/ec/isc/dsg-tutorial.html</a> ), pp 1-7, date of capture 2/18/2003	<input type="checkbox"/>
/AW/	3	GERCK, Ed, Overview of Certification Systems: x.509, PKIX, CA, PGP & SKIP - Do you understand digital certificates? Do you know what they warrant? pp. 1-18, 7/18/00	<input type="checkbox"/>
/AW/	4	LINN, John, Trust Models and Management in Public-Key Infrastructures; RSA Laboratories, pp 1-13, 11/6/00	<input type="checkbox"/>
/AW/	5	PKCS #5, v2.0: Password-Based Cryptography Standard, RSA Laboratories, Redwood City, CA; pp 1-30, 3/25/99	<input type="checkbox"/>
/AW/	6	PKCS #9, v2.0: Selected Object Classes and Attribute Types, RSA Laboratories, Redwood City, CA; pp. 1-34, 2/25/00	<input type="checkbox"/>
/AW/	7	PKCS #10, v1.7: Certificate Request Syntax Standard, RSA Laboratories, Redwood City, CA; pp. 1-10, 5/26/00	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10710972
Filing Date		2004-08-16
First Named Inventor	Wheeler et al.	
Art Unit	2132	
Examiner Name	Zand, Kambiz	IDS PART 1 OF 3 PARTS
Attorney Docket Number	10399-40260	

/AW/	8	PCKS #12, v1.0: Personal Information Excahnge Syntax, RSA Laboratories, Redwood City, CA; pp. 1-23, 6/24/99	<input type="checkbox"/>
/AW/	9	PCKS #15: Conformance Profile Specification; RSA Laboratories, Redwood City, CA; pp 1-8, 8/1/00	<input type="checkbox"/>
/AW/	10	PEPE, Michel, Smart Cards Gaining Traction; CRN.com - Point of Sale: Trends, Markets and Technologies; December 31, 2002, (web site at <a href="http://crn.channelsupersearch.com/news/crn/39163.asp">http://crn.channelsupersearch.com/news/crn/39163.asp</a> ); pp. 1-2, captured on February 18, 2003	<input type="checkbox"/>
/AW/	11	Guide to Internet Security; Public Key Cryptography (web site at <a href="http://www.e-certify.com/library/pkc_guide.htm">http://www.e-certify.com/library/pkc_guide.htm</a> ) captured on February 18, 2003	<input type="checkbox"/>
/AW/	12	Private Server Product Description; (web site at <a href="http://www.bnn.com.tr/assets/cserver_prodesc.html">http://www.bnn.com.tr/assets/cserver_prodesc.html</a> ); pp 1-11, date of capture 2/18/2003	<input type="checkbox"/>
/AW/	13	Cylink atm encryptor (web site at <a href="http://securitytools.hypermart.net/security_1/cylink_atm_encryptor.html">http://securitytools.hypermart.net/security_1/cylink_atm_encryptor.html</a> ), p1, date of capture 2/18/2003	<input type="checkbox"/>
/AW/	14	BAL's PGP Public Key Server; The Computer Law Resource 1996; (web site at <a href="http://www.complaw.com/pgp/webkeyserver.html">http://www.complaw.com/pgp/webkeyserver.html</a> ); pp 1-2, date of capture 2/18/2003	<input type="checkbox"/>
/AW/	15	Baltimore; Solutions; A New Era in Secure and Trusted E-Business; (web site at <a href="http://www.baltimore.com/solutions/index.asp">http://www.baltimore.com/solutions/index.asp</a> ); p 1, date of capture 2/18/2003	<input type="checkbox"/>
/AW/	16	(PGP) Pretty Good Privacy; What's? com; 12/27/00; (web site at <a href="http://whatis.techtarget.com/Whats_Definition_Page/0,4152,214292,00.html">http://whatis.techtarget.com/Whats_Definition_Page/0,4152,214292,00.html</a> ); pp 1-3, date of capture 12/27/00	<input type="checkbox"/>
/AW/	17	An Introduction to Cryptography; Network Associates, Inc. PGP, Version 6.5.1; pp. 1-88; June 1999	<input type="checkbox"/>
/AW/	18	TURNBILL, J., "Cross-Certification and PKI Policy Networking"; Entrust, Inc; pp 1-10, August, 2000	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10710972
Filing Date		2004-08-16
First Named Inventor	Wheeler et al.	
Art Unit	2132	
Examiner Name	Zand, Kambiz	IDS PART 1 OF 3 PARTS
Attorney Docket Number	10399-40260	

/AW/	19	Some Suggestions For Automatic Encryption and Identity Verification in the IBM Internal Computing Network; pp 1-13, 12/28/85	<input type="checkbox"/>
/AW/	20	ARTHUR, D., AADS Option for Buyer Authentication; Response to NACHA/IC ANT 2 RFI; pp 1-3, 9/14/98	<input type="checkbox"/>
/AW/	21	Internet Council; Consumer Internet Purchases Using ATM Cards Successfully Processed by NACHA Pilot Participants; pp 1-4, date of capture 2/23/03	<input type="checkbox"/>
/AW/	22	Internet Council; NACHA to Test ATM Card Payments for Consumer Internet Purchases; pp 1-3, date of capture 2/23/03	<input type="checkbox"/>
/AW/	23	News Release: Digital Signatures Can Secure ATM Card Payments on the Internet, NACHA Pilot Concludes; pp 1-2, 7/23/01	<input type="checkbox"/>
/AW/	24	KUTLER, Jeffrey, Privacy Broker: Likely Internet Role for Banks? Digital Frontiers; pp 1-6, 10/8/98	<input type="checkbox"/>
/AW/	25	HETTINGA, B., Hettinga's Best of the Month, Journal of Internet Banking and Commerce; Array Development, web site at <a href="http://www.arraydev.com/commerce/JIBC/9801-20.htm">http://www.arraydev.com/commerce/JIBC/9801-20.htm</a> , pp 1-4, 3/31/99	<input type="checkbox"/>
/AW/	26	DENNY, Stephanie, The Electronic Commerce Challenge, Journal of Internet Banking and Commerce; Array Dev., <a href="http://www.arraydev.com/commerce/JIBC/9811-06.htm">http://www.arraydev.com/commerce/JIBC/9811-06.htm</a> , pp 1-2, 3/31/99	<input type="checkbox"/>
/AW/	27	KALISKI, Burton S., Jr., Some Examples of the PKCS Standards, An RSA Laboratories Technical Note, RSA Laboratories, Redwood City, CA., pp 1-15, 11/1/93	<input type="checkbox"/>
/AW/	28	KALISKI, Burton S., Jr., A Layman's Guide to a Subset of ASN.1, BER, and DER, An RSA Laboratories Technical Note, RSA Laboratories, Redwood City, CA., pp 1-36, 11/1/93	<input type="checkbox"/>
/AW/	29	PKCS Editor, PKCS #1 v2.1: RSA Cryptography Standard, RSA Laboratories, Draft 2, RSA Laboratories, Bedford, MA, pp 1-60, 1/5/01	<input type="checkbox"/>



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10710972
	Filing Date		2004-08-16
	First Named Inventor	Wheeler et al.	
	Art Unit	2132	
	Examiner Name	Zand, Kambiz	IDS PART 1 OF 3 PARTS
	Attorney Docket Number		10399-40260

/AW/	30	PKCS #3: Diffie-Hellman Key-Agreement Standard, An RSA Laboratories Technical Note, Version 1.4, RSA Laboratories, Redwood City, CA. pp 1-8, 11/1/93	<input type="checkbox"/>
/AW/	31	PKCS #6: Extended-Certificate Syntax Standard, An RSA Laboratories Technical Note, Version 1.5, RSA Laboratories, Redwood City, CA. pp 1-11, 11/1/93	<input type="checkbox"/>
/AW/	32	PKCS #8: Private-Key Information Syntax Standard, An RSA Laboratories Technical Note, Version 1.2, RSA Laboratories, Redwood City, CA. pp 1-5, 11/1/93	<input type="checkbox"/>
/AW/	33	WIENER, M., Performance Comparison of Public-Key Cryptosystems, Technical Newsletter of RSA Laboratories, a div of RSA Data Security, Inc., Vol. 4, No. 1, pp1-23, Summer 1998	<input type="checkbox"/>
/AW/	34	APOSTOLOPOULOS, G., Securing Electronic Commerce: Reducing the SSL Overhead, IEEE Network, Vol. 14, Issue 4, pp 1-16, July/Aug 2000,	<input type="checkbox"/>
/AW/	35	MAURER, Modeling a Public-Key Infrastructure, Dept. of Computer Science, Swiss Federal Institute of Technology, pp. 1-26, Sept. 1996	<input type="checkbox"/>
/AW/	36	Security Requirements for Cryptographic Modules, FIPStandards Pub. 140-1, 1/11/94 pp 1-45, CSL Bulletin for FIPS 140-1 pp 1-6, 2001/2000	<input type="checkbox"/>
/AW/	37	HEROUX, M., A Private Key Storage Server for DCE – Functional Specification, Open Software Foundation Request for Comments; 94.1, ( <a href="http://www.opengroup.org/rfc/mirror">http://www.opengroup.org/rfc/mirror</a> ); 11/96	<input type="checkbox"/>
/AW/	38	COX, P., Bench-Marking SmartGate, Establishing the Scaleability of V-ONE's SmartGate Security System, Internet SmartWare Ltd., pp 1-7, 7/24/97	<input type="checkbox"/>
/AW/	39	Answers to Frequently Asked Questions about Today's Cryptography, RSA Data Security, Inc., Revision 2.0, pp 1-44, 10/5/93	<input type="checkbox"/>
/AW/	40	Announcing the Standard for Digital Signature Standard (DSS), Federal Information Processing Standards Publication 186, pp 1-18, 5/19/94	<input type="checkbox"/>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10710972
	Filing Date		2004-08-16
	First Named Inventor	Wheeler et al.	
	Art Unit	2132	
	Examiner Name	Zand, Kambiz	IDS PART 1 OF 3 PARTS
	Attorney Docket Number		10399-40260

/AW/	41	BOEYEN, Sharon, Certificate Policies and Certification Practice Statements, Entrust Technologies White Paper, Version 1.0, pp 1-7, 2/1997	<input type="checkbox"/>
/AW/	42	Public-Key Infrastructure (PKI) - The VeriSign Difference, Copyright 1999, VeriSign, Inc. pp 1-21, 2/3/01	<input type="checkbox"/>
/AW/	43	MOREAU, Thierry, Thirteen Reasons to Say 'No' To Public Key Cryptography, Draft paper, CONNOTECH Experts-Conseils, Inc., Montreal, Quebec, Canada, pp 1-5, 3/4/98	<input type="checkbox"/>
/AW/	44	"X9 Overview," American Bankers Association web page (web site at <a href="http://www.x9.org/aboutX9.htm">http://www.x9.org/aboutX9.htm</a> ), 1998, 3 pp, date of capture 1/11/99	<input type="checkbox"/>
/AW/	45	KALISKI, Burton S., Jr. An Overview of the PKCS Standards, RSA Laboratories Technical Note, RSA Data Security, Inc. Public-Key Cryptography Standards (PKCS), pp 1-27, 11/1/93	<input type="checkbox"/>
/AW/	46	Public Key Cryptography, NIST Special Publication 800-2, reprinted at <a href="http://csrc.nist.gov/publications/nistpubs/800-2/800-2.txt">http://csrc.nist.gov/publications/nistpubs/800-2/800-2.txt</a> , pp 1-138, 4/91	<input type="checkbox"/>
/AW/	47	Guideline for Implementing Cryptography in the Federal Government, NIST Special Publication 800-21, pp 1-138, 11/99	<input type="checkbox"/>
/AW/	48	Guideline for the Use of Advanced Authentication Technology Alternatives, FIPS Pub. 190, reprinted at <a href="http://csrc.nist.gov/publications/fips/fips190/fip190.txt">http://csrc.nist.gov/publications/fips/fips190/fip190.txt</a> , pp 1-55, 9/28/94	<input type="checkbox"/>
/AW/	49	THIS IS THE FIRST OF THREE INFORMATION DISCLOSURE STATEMENTS SUBMITTED BY APPLICANT ON FEBRUARY 7, 2007.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

#### EXAMINER SIGNATURE

Examiner Signature	/Aubrey Wyszynski/	Date Considered	03/20/2007
--------------------	--------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10710972
	Filing Date		2004-08-16
	First Named Inventor	Wheeler et al.	
	Art Unit	2132	
	Examiner Name	Zand, Kambiz	IDS PART 2 OF 3 PARTS
	Attorney Docket Number		10399-40260

U.S. PATENTS						<a href="#">Remove</a>
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/AW/	1	6000832		1999-12-14	Franklin et al	
/AW/	2	6000522		1999-12-14	Johnson	
/AW/	3	5970147		1999-10-19	Davis	
/AW/	4	5963648		1997-12-19	Rosen	
/AW/	5	5956404		1999-09-21	Schneier et al.	
/AW/	6	5949881		1999-09-07	Davis	
/AW/	7	5943423		1999-08-24	Muftic	
/AW/	8	5910989		1999-06-08	Naccache	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10710972
	Filing Date		2004-08-16
	First Named Inventor	Wheeler et al.	
	Art Unit	2132	
	Examiner Name	Zand, Kambiz IDS PART 2 OF 3 PARTS	
	Attorney Docket Number	10399-40260	

/AW/	9	5910988		1999-06-08	Ballard	
/AW/	10	5903882		1999-05-11	Asay et al.	
/AW/	11	5887131		1999-03-23	Angelo	
/AW/	12	5878142		1999-03-02	Caputo et al.	
/AW/	13	5862327		1999-01-19	Kwang et al.	
/AW/	14	5848161		1998-12-08	Luneau et al.	
/AW/	15	5812666		1998-09-22	Baker et al.	
/AW/	16	5796840		1998-08-18	Davis	
/AW/	17	5790677		1998-08-04	Fox et al.	
/AW/	18	5787172		1998-07-28	Arnold	
/AW/	19	5781723		1998-07-14	Yee et al.	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10710972	
	Filing Date		2004-08-16	
	First Named Inventor	Wheeler et al.		
	Art Unit	2132		
	Examiner Name	Zand, Kambiz	IDS PART 2 OF 3 PARTS	
	Attorney Docket Number	10399-40260		

/AW/	20	5778072		1998-07-07	Samar	
/AW/	21	5751813		1998-05-12	Dorenbos	
/AW/	22	5745886		1998-04-28	Rosen	
/AW/	23	5724424		1998-03-03	Gifford	
/AW/	24	5721779		1998-02-24	Funk	
/AW/	25	5715314		1998-02-03	Payne et al.	
/AW/	26	5708780		1998-01-13	Levergood et al.	
/AW/	27	5694471		1997-12-02	Chen et al.	
/AW/	28	5677955		1997-10-14	Doggett et al.	
/AW/	29	5677953		1997-10-14	Dolphin	
/AW/	30	5671285		1997-09-23	Newman	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10710972
Filing Date		2004-08-16
First Named Inventor	Wheeler et al.	
Art Unit	2132	
Examiner Name	Zand, Kambiz	IDS PART 2 OF 3 PARTS
Attorney Docket Number	10399-40260	

/AW/	31	5671279		1997-09-23	Elgamal	
/AW/	32	5659616		1997-08-19	Sudia	
/AW/	33	5636280		1997-06-03	Kelly	
/AW/	34	5625690		1997-04-29	Michel et al.	
/AW/	35	5623637		1997-04-22	Jones et al.	
/AW/	36	5619574		1997-04-08	Johnson et al.	
/AW/	37	5615266		1997-03-25	Altschuler et al.	
/AW/	38	5606609		1994-09-19	Houser et al.	
/AW/	39	5604801		1997-02-18	Dolan et al.	
/AW/	40	5590197		1996-12-31	Chen et al.	
/AW/	41	5586036		2007-01-30	Pintsov	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10710972	
	Filing Date		2004-08-16	
	First Named Inventor	Wheeler et al.		
	Art Unit	2132		
	Examiner Name	Zand, Kambiz	IDS PART 2 OF 3 PARTS	
	Attorney Docket Number	10399-40260		

/AW/	42	5577120		1996-11-19	Penzias	
/AW/	43	5563946		1996-10-08	Cooper et al.	
/AW/	44	5557518		1996-09-17	Rosen	
/AW/	45	5539828		1996-07-23	Davis	
/AW/	46	5534855		1996-07-09	Shockley et al.	
/AW/	47	5509071		1996-04-16	Petrie, Jr. et al.	
/AW/	48	5502766		1996-03-26	Boebert et al.	
/AW/	49	5455865		1995-10-03	Perlman	
/AW/	50	5453601		1995-09-26	Rosen	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

**U.S.PATENT APPLICATION PUBLICATIONS**

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
-------------------	---------	--------------------	------------------------	------------------	---	--

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10710972
	Filing Date		2004-08-16
	First Named Inventor	Wheeler et al.	
	Art Unit	2132	
	Examiner Name	Zand, Kambiz	IDS PART 2 OF 3 PARTS
	Attorney Docket Number	10399-40260	

	1					
--	---	--	--	--	--	--

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS.								<input type="button" value="Remove"/>
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
/AW/	1	2271178	CA		1999-05-06	Moreau, Thierry		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button.

NON-PATENT LITERATURE DOCUMENTS				<input type="button" value="Remove"/>
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>5</sup>
/AW/	1	Building a Foundation of Trust in the PC, The Trusted Computing Company Platform Alliance (web site at <a href="http://www.trustedpc.org">http://www.trustedpc.org</a> ), pp 1-9, 1/2000		<input type="checkbox"/>
/AW/	2	Trusted Platform Module (TPM) Security Policy (A Part of the "TCPA Security Policy"), Version 0.45, pp 1-13, 10/2/00		<input type="checkbox"/>
/AW/	3	Trusted Platform Module Protection Profile (TPMPP) (A Part of the "TCPA Security Policy"), Version 0.45, pp 1-151, 9/14/00		<input type="checkbox"/>
/AW/	4	TCPA PC Specific Implementation Specification, Version 0.95, pp 1-70, 7/4/01		<input type="checkbox"/>
/AW/	5	Common Criteria for Information Technology Security Evaluation, Smart Card Security User Group, Smart Card Protection Profile, draft Version 2.1d, pp 1-194, 3/21/01		<input type="checkbox"/>



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number	10710972
	Filing Date	2004-08-16
	First Named Inventor	Wheeler et al.
	Art Unit	2132
	Examiner Name	Zand, Kambiz IDS PART 2 OF 3 PARTS
	Attorney Docket Number	10399-40260

/AW/	6	X.9.84-2000, Biometric Information Management Security for the Financial Services Industry, draft version, pp 1-141, 3/21/01	<input type="checkbox"/>
/AW/	7	Security Requirements for Cryptographic Modules, FIPS Publication 140-2, pp 1-62, 5/25/01	<input type="checkbox"/>
/AW/	8	Secure Hash Standard, FIPS Publication 180-1, pp 1-24, 4/17/95	<input type="checkbox"/>
/AW/	9	Digital Signature Standard (DSS), FIPS Publication 186-2, pp 1-72, 1/27/00	<input type="checkbox"/>
/AW/	10	Entity Authentication Using Public Key Cryptography, FIPS Publication 196, pp 1-52, 2/18/97	<input type="checkbox"/>
/AW/	11	Computer Data Authentication, FIPS Publication 113, (web site at <a href="http://www.itl.nist.gov/fipspubs/fip113.htm">www.itl.nist.gov/fipspubs/fip113.htm</a> ), date of capture 1/16/01, pp 1-7, 5/30/85	<input type="checkbox"/>
/AW/	12	The Electronic Commerce Challenge, Journal of Internet Banking and Commerce, (web site at <a href="http://www.arraydev.com/commerce/JIBC/9811-06.htm">http://www.arraydev.com/commerce/JIBC/9811-06.htm</a> ), pp 1-2, 03/31/99	<input type="checkbox"/>
/AW/	13	Sales Brochure for APPROVEIT, electronic approval management software, by Silanis Technology, Inc., pp 1-12, 7/18/00	<input type="checkbox"/>
/AW/	14	Public Key Infrastructure, An NSS Group White Paper, by Bob Walder, undated, reprinted <a href="http://www.nss.co.uk/WhitePapers/PublicKeyInfrastructure.htm">http://www.nss.co.uk/WhitePapers/PublicKeyInfrastructure.htm</a> , pp 1-18, data captured on 1/25/01	<input type="checkbox"/>
/AW/	15	Smart Card & Security Basics, Cardlogix, Inc. brochure, pp 3-36, Ref. Date Q1-Q2 2000	<input type="checkbox"/>
/AW/	16	Understanding Public Key Infrastructure (PKI), Technology White Paper, by RSA Security, Inc., pp 1-10, 1999	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10710972
Filing Date	2004-08-16
First Named Inventor	Wheeler et al.
Art Unit	2132
Examiner Name	Zand, Kambiz IDS PART 2 OF 3 PARTS
Attorney Docket Number	10399-40260

/AW/	17	CHAN, S.C., An Overview of Smart Card Security, 8/17/97, reprinted from website <a href="http://home.hkstar.com/~alanchan/papers/smarCardSecurity">http://home.hkstar.com/~alanchan/papers/smarCardSecurity</a> , pp 1-7, captured on 1/27/01	<input type="checkbox"/>
/AW/	18	TASCHLER, S., Technical Introduction to CIP 3.0, 9/30/97, reprinted from website <a href="http://www.datakey.com/cardpage/cip.htm">http://www.datakey.com/cardpage/cip.htm</a> , pp 1-6, captured on 1/25/01	<input type="checkbox"/>
/AW/	19	Smart Cards: Enabling Smart Commerce in the Digital Age, CREC/KPMG White Paper (Draft), pp 1-22, 5/98	<input type="checkbox"/>
/AW/	20	"X9.59 Working Draft" ABA; American National Standard X9.59-199X, For the Financial Services Industry: Account-Based Secure Payment Objects, pp 1-26, 9/25/98	<input type="checkbox"/>
/AW/	21	WHEELER, Lynn, Account Authority Digital Signature Model web page (web site at <a href="http://www.garlic.com/~lynn/aadsover.htm">http://www.garlic.com/~lynn/aadsover.htm</a> ) believed available at website after 11/8/97, 5 pp, date of capture 10/2/01	<input type="checkbox"/>
/AW/	22	"How PGP Works," web pages from <a href="http://www.pgpi.org">www.pgpi.org</a> , containing basic information, data captured on 5/6/04	<input type="checkbox"/>
/AW/	23	PGP Certificate Server, Total Network Security, "Network Associates, 3965 Freedom Circle, Santa Clara, CA 95044-1203, dated 10/99	<input type="checkbox"/>
/AW/	24	"PGP Desktop Security 7.0," PGP Security, 3965 Freedom Circle, Santa Clara, CA 95054-1203, dated 7/00	<input type="checkbox"/>
/AW/	25	"Policy Management Agent for SMTP," Network Associates, 3965 Freedom Circle, Santa Clara, CA 95054-1203, dated 12/99	<input type="checkbox"/>
/AW/	26	"Inside PGP Key Reconstruction: Technical Details," Revision by Will Price, "A PGP Security, Inc. White Paper, dated 7/25/00	<input type="checkbox"/>
/AW/	27	STEWART, D., "Account Authority Digital Signatures: Enabling Secure Internet Transactions via Existing Payment Processes & Infrastructure," ( <a href="http://www.garlic.com/~lynn/aadswp.htm">http://www.garlic.com/~lynn/aadswp.htm</a> ), data captured on 5/6/04	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10710972
Filing Date	2004-08-16
First Named Inventor	Wheeler et al.
Art Unit	2132
Examiner Name	Zand, Kambiz IDS PART 2 OF 3 PARTS
Attorney Docket Number	10399-40260

/AW/	28	O'MAHONEY, "Electronic Payment Systems," Artech House, Inc., pp. 51 and 77-80 (1961)	<input type="checkbox"/>
/AW/	29	THIS IS THE SECOND OF THREE INFORMATION DISCLOSURE STATEMENTS SUBMITTED BY APPLICANT ON FEBRUARY 7, 2007.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/Aubrey Wyszynski/	Date Considered	03/20/2007
--------------------	--------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10710972
	Filing Date		2004-08-16
	First Named Inventor	Wheeler et al.	
	Art Unit	2132	
	Examiner Name	Zand, Kambiz IDS PART 3 OF 3 PARTS	
	Attorney Docket Number	10399-40260	

U.S. PATENTS							Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	
/AW/	1	5231668		1993-07-27	Kravitz		
/AW/	2	5225978		1993-07-06	Petersen et al.		
/AW/	3	5214703		1993-05-25	Massey et al.		
/AW/	4	5140634		1992-08-18	Guillou et al.		
/AW/	5	5097504		1992-03-17	Camion et al.		
/AW/	6	5029208		1991-07-02	Tanaka		
/AW/	7	5018196		1991-05-21	Takaragi et al.		
/AW/	8	4885788		1989-12-05	Takaragi et al.		

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10710972
Filing Date		2004-08-16
First Named Inventor	Wheeler et al.	
Art Unit	2132	
Examiner Name	Zand, Kambiz	IDS PART 3 OF 3 PARTS
Attorney Docket Number	10399-40260	

/AW/	9	4868877		1989-09-19	Fischer	
/AW/	10	4850017		1989-07-18	Matyas Jr. et al.	
/AW/	11	4825050		1989-04-25	Griffith et al.	
/AW/	12	4823388		1989-04-18	Mizutani et al.	
/AW/	13	4797920		1989-01-10	Stein	
/AW/	14	4748668		1988-05-31	Shamir et al.	
/AW/	15	4734564		1988-03-29	Boston et al.	
/AW/	16	4424414		1984-01-03	Hellman et al.	
/AW/	17	4408203		1983-10-04	Campbell	
/AW/	18	4405829		1983-09-20	Rivest et al.	
/AW/	19	4218582		1980-08-19	Hellman et al.	

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10710972
	Filing Date		2004-08-16
	First Named Inventor	Wheeler et al.	
	Art Unit	2132	
	Examiner Name	Zand, Kambiz	IDS PART 3 OF 3 PARTS
	Attorney Docket Number		10399-40260

/AW/	20	4200770		1980-04-29	Hellman et al.	
/AW/	21	3962539		1976-06-08	Ehrsam et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

#### U.S. PATENT APPLICATION PUBLICATIONS

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

#### FOREIGN PATENT DOCUMENTS

Remove

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button.

Add

#### NON-PATENT LITERATURE DOCUMENTS

Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
/AW/	1	THIS IS THE THIRD OF THREE INFORMATION DISCLOSURE STATEMENTS SUBMITTED BY APPLICANT ON FEBRUARY 7, 2007.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button.

Add

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10710972	
Filing Date	2004-08-16	
First Named Inventor	Wheeler et al.	
Art Unit	2132	
Examiner Name	Zand, Kambiz	IDS PART 3 OF 3 PARTS
Attorney Docket Number	10399-40260	

**EXAMINER SIGNATURE**

Examiner Signature	/Aubrey Wyszynski/	Date Considered	03/20/2007
--------------------	--------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.